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| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005) | | ATTORNEY'S DOCKET NUMBER 2488.036 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/572523 |
| INTERNATIONAL APPLICATION NO. PCT/IL2004/000881 | INTERNATIONAL FILING DATE 22 September 2004 | PRIORITY DATE CLAIMED 22 September 2003 |
| TITLE OF INVENTION LARGE SCALE PREPARATION OF ALPHA-1 PROTEINASE INHIBITOR AND USE THEREOF | | |
| APPLICANT(S) FOR DO/EO/US BAUER, Shabtai | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 834384139 US | | |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/572523 | INTERNATIONAL APPLICATION NO. PCT/IL2004/000881 | ATTORNEY'S DOCKET NUMBER 2488.036 | | | | |
|--|---|--|--------------|---------|-----------|--|
| 23. Other items or information: | | | | | | |
| The following fees have been submitted: 24. <input checked="" type="checkbox"/> Basic national fee \$300 | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE</th> </tr> <tr> <td>\$ 300.00</td> <td></td> </tr> </table> | CALCULATIONS | PTO USE | \$ 300.00 | |
| CALCULATIONS | PTO USE | | | | | |
| \$ 300.00 | | | | | | |
| 25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . \$0 All other situations. \$200 | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 200.00</td> <td></td> </tr> </table> | \$ 200.00 | | | |
| \$ 200.00 | | | | | | |
| 26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. \$400 All other situations. \$500 | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 100.00</td> <td></td> </tr> </table> | \$ 100.00 | | | |
| \$ 100.00 | | | | | | |
| TOTAL OF 24, 25 and 26 = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 600.00</td> <td></td> </tr> </table> | \$ 600.00 | | | |
| \$ 600.00 | | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | | | | |
| - 100 = | 0 /50 = | 0 | | | | |
| | | x \$250.00 | | | | |
| | | \$ 0.00 | | | | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table> | \$ | | | |
| \$ | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | | | | |
| Total claims | 39 - 20 = | 19 | | | | |
| | x | \$50.00 | | | | |
| | \$ | \$950.00 | | | | |
| Independent claims | 1 - 3 = | 0 | | | | |
| | x | \$200.00 | | | | |
| | \$ | \$0.00 | | | | |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table> | \$ 0.00 | | | |
| \$ 0.00 | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 1,550.00</td> <td></td> </tr> </table> | \$ 1,550.00 | | | |
| \$ 1,550.00 | | | | | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 775.00</td> <td></td> </tr> </table> | \$ 775.00 | | | |
| \$ 775.00 | | | | | | |
| SUBTOTAL = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 775.00</td> <td></td> </tr> </table> | \$ 775.00 | | | |
| \$ 775.00 | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table> | \$ 0.00 | | | |
| \$ 0.00 | | | | | | |
| TOTAL NATIONAL FEE = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 775.00</td> <td></td> </tr> </table> | \$ 775.00 | | | |
| \$ 775.00 | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 0.00</td> <td></td> </tr> </table> | \$ 0.00 | | | |
| \$ 0.00 | | | | | | |
| TOTAL FEES ENCLOSED = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$ 775.00</td> <td></td> </tr> </table> | \$ 775.00 | | | |
| \$ 775.00 | | | | | | |
| Amount to be | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table> | \$ | | | |
| \$ | | | | | | |
| Amount to be | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>\$</td> <td></td> </tr> </table> | \$ | | | |
| \$ | | | | | | |

10/972523

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☒ A check in the amount of \$ \$775.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-1935. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Jeff Rothenberg, Esq.
Heslin Rothenberg Farley & Mesiti P.C.
5 Columbia Circle
Albany, NY 12203
Tel: 518-452-5600
Fax: 518-452-5579
E-mail: jr@hrfmlaw.com


SIGNATURE

Jeff Rothenberg

NAME

26,429

REGISTRATION NUMBER

March 21, 2006

DATE

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): BAUER, Shabtai

Docket No.

2488.036

Application No.

Unknown

Filing Date

Herewith

Examiner

Unknown

Customer No.

23405

Group Art Unit

Unknown

Invention:

LARGE SCALE PREPARATION OF ALPHA-1 PROTEINASE INHIBITOR AND USE THEREOF

I hereby certify that the following correspondence:

U.S. utility patent application under 35 U.S.C. 371

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 21, 2006

(Date)

Christine M. Adkins

(Typed or Printed Name of Person Mailing Correspondence)

Christine M. Adkins

(Signature of Person Mailing Correspondence)

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